Application Number: 10/734,973
Amendment dated: 12/01/2004
Reply to Office Action of: June 4, 2004

<u>**Amendments to the Specification:**</u>

Delete the entire specification and replace it with the following specification.

DO NOT ENTER Substitute Specification 2/8/05 PLY

<u>HEAT FAN</u>

ABSTRACT

A fan with heated circulating blades which includes a longitudinally extending heating element mounted in a slot defined extending along the surface of some of the fan blades for heating of air blow outwardly therefrom. A resilient biasing device such as a flat spring is mounted at various location in the fan blades to bias the heating element into the slot for retaining it therewithin. A ball bearing configuration is included for providing electrical power to the heating elements while the fan rotates. A bearing apparatus is included with at least two bearings each individually maintained in electrically conductive abutment with respect to conductive rings mounted within the fan hub electrically insulated from each other. Each ring is electrically conductive with respect to one end of each heating element in each blade for heating thereof particularly during fan rotation.

BACKGROUND OF THE INVENTION

Typically electric fans have been used to circulate air flow for cooling otherwise ambient environments. Other heaters have been used to provide supplementary heat in various areas by forcing air flow through heating elements wherein the air is warm by the heater as it is forces to move through the heaing element by the fan. It is difficult to provide such constructions which are usage with fans that can oscillate, which are more useful in providing air circulation than stationary fans or blowers. Some electrically heated devices have been used to heat areas by placing a swivel fan in front of the heated element but this results in limited air circulation throughout the area. The construction fo the present invention of heat fan provides cost effective circulation of heated air which is usable in many different environmental areas. It has enhanced heating and air circulation capabilities which is usable in almost any ambient environment.

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